Mobile DVR

Power and wiring center quick installation guide

Mobile DVR

MD-01 1 channel
MD-04 4 channel

Note:

• This unit is for vehicles with a 12-volt battery and negative grounding. Before installing it in arecreational vehicle, truck, or bus, check the battery voltage.

• To avoid shorts in the electrical system, be sure to disconnect the - battery cable before beginning installation.

• Refer to the owner's manual for details on connecting the power amp and other units, then make connections correctly.

• Secure the wiring with cable clamps or adhesive tape. To protect the wiring, wrap adhesive tape around them where they lie against metal parts.

• Route and secure all wiring so it cannot touch any moving parts, such as the gear shift, handbrake and seat rails. Do not route wiring in places that get hot, such as near the heater outlet. If the insulation of the wiring melts or gets torn, there is a danger of the wiring short-circuiting to the vehicle body.

• Don't pass the yellow lead through a hole into the engine compartment to connect to the battery. This will damage the lead insulation and cause a very dangerous short.

• Do not shorten any leads. If you do, the protection circuit may fail to work when it should.

• Never feed power to other equipment by cutting the insulation of the power supply lead of the unit and tapping into the lead. The current capacity of the lead will be exceeded, causing overheating.

• When replacing fuse, be sure to use only fuse of the rating prescribed on this unit.

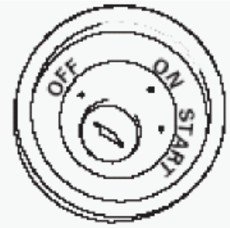
• When the DVR's source is switched ON, a control signal is output through the blue/white lead. This control signal can activate Power and Wiring Center to supply power to LCD, Cameras, and GPS module.

• To avoid short-circuiting, cover the disconnected lead with insulating tape. Especially, insulate the unused cemera leads without fail. There is a possibility of short-circuiting if the leads are not insulated.

• If this unit is installed in a vehicle that does not have an ACC (accessory) position on the ignition switch, the red lead of the unit should be connected to a terminal coupled with ignition switch ON/OFF operations. If this is not done, the vehicle battery may be drained when you are away from the vehicle for several hours. (Fig. 1)



ACC position



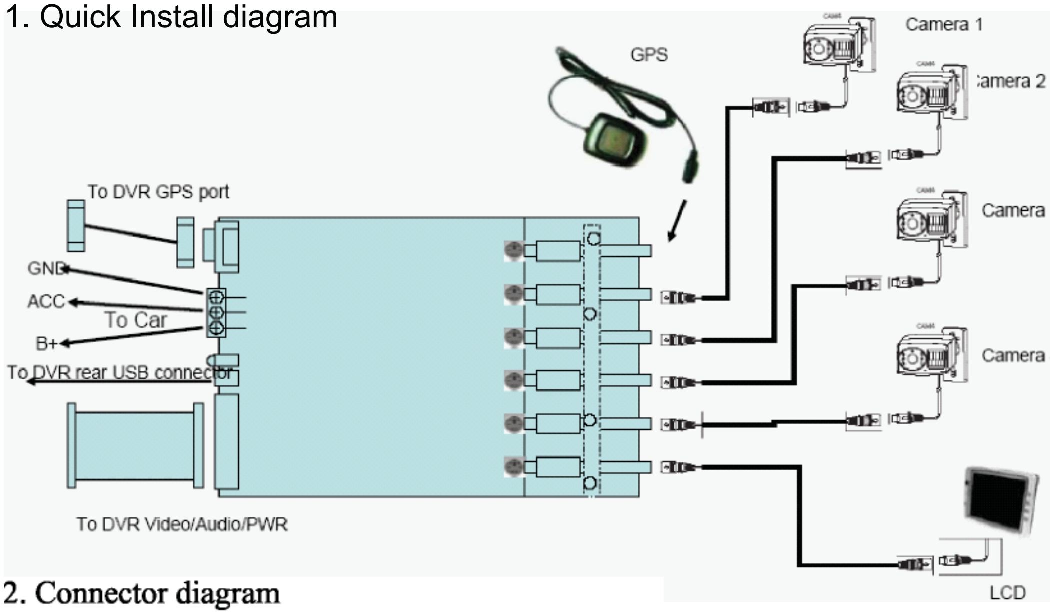
No ACC position

Mobile DVR

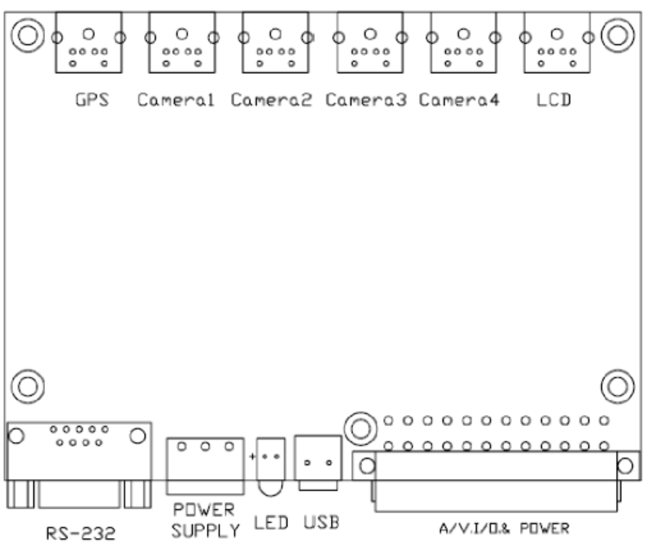
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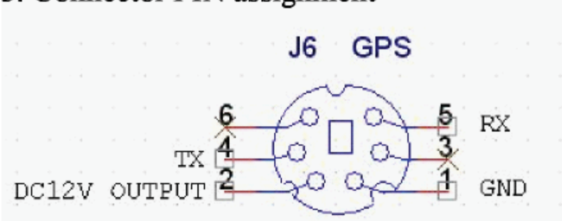
1. Quick Install diagram



2. Connector diagram



3. Connector PIN assignment



Type: mini DIN female

For GPS Fleet Management, please visit www.usa-gps.com

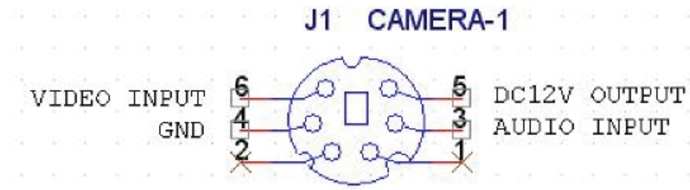
Mobile DVR GPS Solutions

Mobile DVR

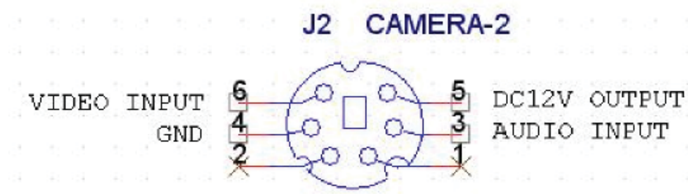
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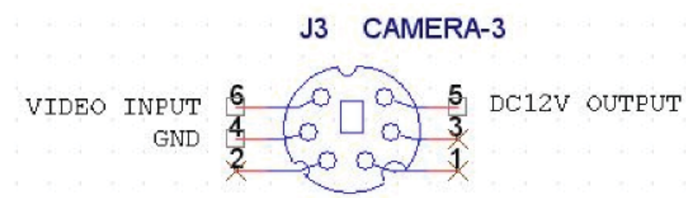
Mobile DVR



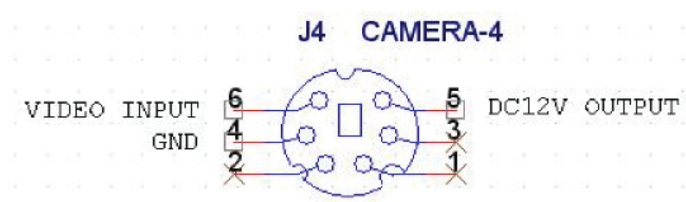
Type: mini DIN female



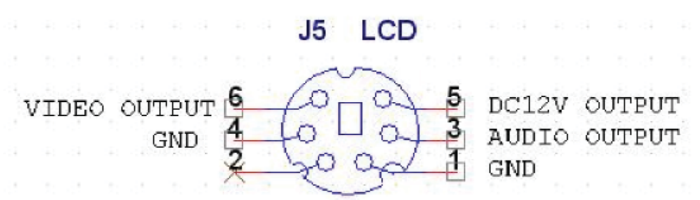
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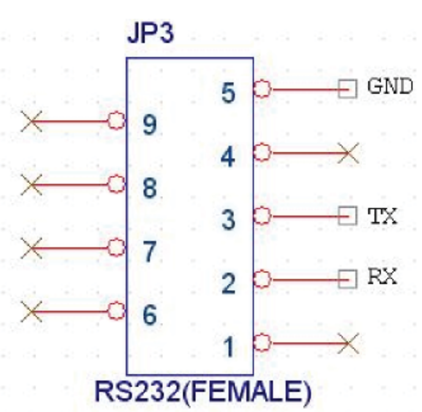
Type: mini DIN female



Type: mini DIN female



Type: mini DIN female



Type: 9-pin RS232